AN - 2001-185055 [19]

AP - JP19990136121 19990517

CPY - MIYA-I

- MIYA-I

DC - B06

DR - 1151-U 1510-U

FS - CPI

IC - A61K31/00 ; A61K33/38 ; C01G5/00

MC - B05-A01B B05-A03B B12-M03 B14-H01B

M2 - [01] A547 A940 C101 C108 C307 C520 C730 C801 C802 C804 C807 M411 M431 M782 M904 M905 P633 R022; RA05YA-K RA05YA-T RA05YA-M

XP-002216954

- [02] A111 A940 C101 C106 C108 C530 C730 C801 C802 C805 C807 M411 M431 M782 M904 M905 M910 P633 R022; R01151-K R01151-T R01151-M; 1151-U

- [03] A212 A940 C108 C550 C730 C801 C802 C803 C804 C805 C807 M411 M431 M782 M904 M905 M910 P633 R022; R01510-K R01510-T R01510-M; 1510-U

PA - (MIYA-I) MIYAKE M

- (MIYA-I) MIYAKE T

PN - JP2000327578 A 20001128 DW200119 A61K33/38 003pp

PR - JP19990136121 19990517

XA - C2001-055853

XIC - A61K-031/00 ; A61K-033/38 ; C01G-005/00

- AB JP2000327578 NOVELTY An ultrafine particle silver emulsion comprises silver nitrate aqueous solution obtained by adding 1 g of silver nitrate to 30 ml of distilled water at 0-20 deg. C. The silver nitrate aqueous solution is mixed with 0.3-1.2 ml of saturated sodium hydrogencarbonate solution and 0.1-0.5 ml of saturated magnesium oxide solution.
 - DETAILED DESCRIPTION An INDEPENDENT CLAIM is also included for the manufacture of ultrafine particle silver emulsion involving adding 1 g of silver nitrate to 30 ml of distilled water at 0-20 deg. C to obtain silver nitrate aqueous solution. The obtained aqueous solution is mixed with 0.3-1.2 ml of saturated sodium hydrogen carbonate solution at 0-20 deg. C and 0.1-0.5 ml of saturated magnesium oxide water at 0-20 deg. C, and stirred for 20-30 minutes.
 - ACTIVITY Cytostatic.
 - 30 g of breast tumor was innoculated to 20 mice. The ultrafine particle silver emulsion was administered by local injection to 10 mice. The cytostatic effect was evaluated in the mice. The results obtained showed 8 mice out of 10 mice administered with the drug (emulsion) had the tumor disappearance completely and the remaining 2 died out of septic shock. After complete tumor disappearance, 30 g of tumor was reinnoculated to the 8 mice, and was evaluated for the development of tumor after 30 days. The results obtained showed that the mice had no tumor development. The other 10 mice which were not administered with the emulsion, were dead.
 - MECHANISM OF ACTION None given.
 - USE As anticancer agent for treating hereditary malignant diseases, and for treating jaundice.
 - ADVANTAGE The ultrafine particle silver emulsion effectively develops immunity in the body by preventing development of tumor even

ETISECCIONARY 22160644 15 371 the body is reinoculated with cancer cells.